

$5.1 \text{ fb}^{-1} (7 \text{ TeV}) + 19.7 \text{ fb}^{-1} (8 \text{ TeV}) + 80.2 \text{ fb}^{-1} (13 \text{ TeV})$

CMS *Preliminary*

(c)

$-2 \Delta \ln L$

- Observed
- - - Expected
- Observed, $H \rightarrow 4\ell$
- - - Expected, $H \rightarrow 4\ell$
- Observed, $H \rightarrow \tau\tau$
- - - Expected, $H \rightarrow \tau\tau$

-1 -0.8 -0.6 -0.4 -0.2 -0.02 0 0.02 0.2 0.4 0.6 0.8 1

$f_{\Lambda_1} \cos(\phi_{\Lambda_1})$

95% CL
68% CL